

FIG. 1

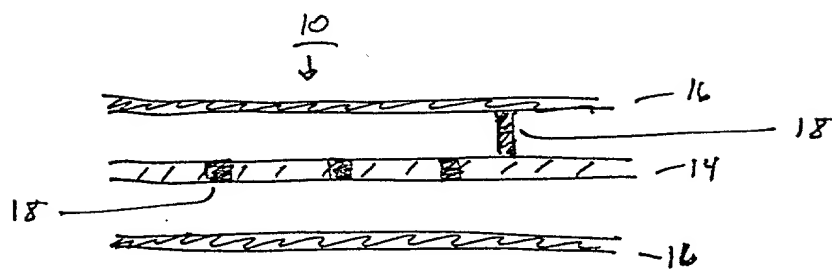


FIG. 2A

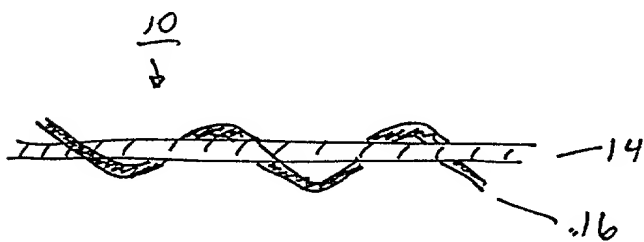
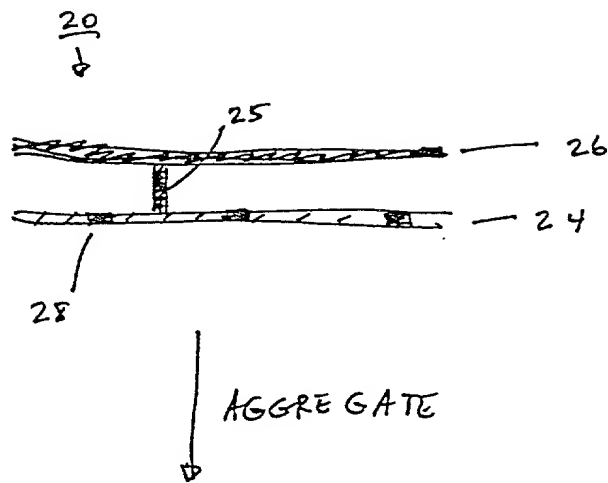
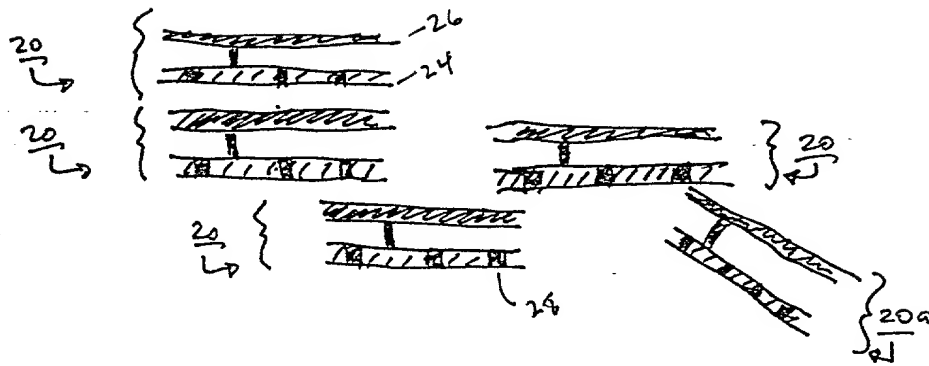


FIG. 2B

09777766.0000



(a)



(b)

FIG. 3

FIG. 4A

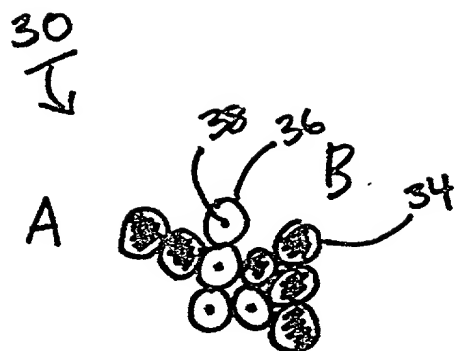
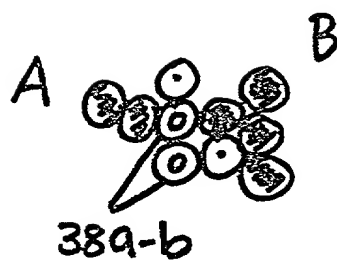
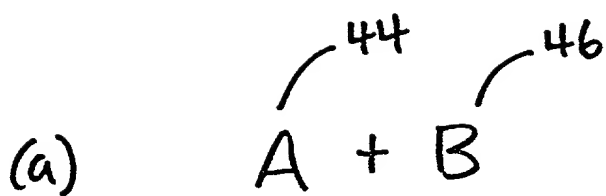


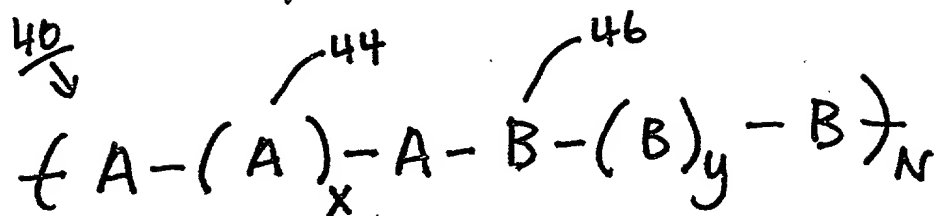
FIG. 4B



09777331.020504
FOI020"927260

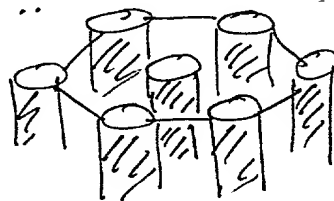
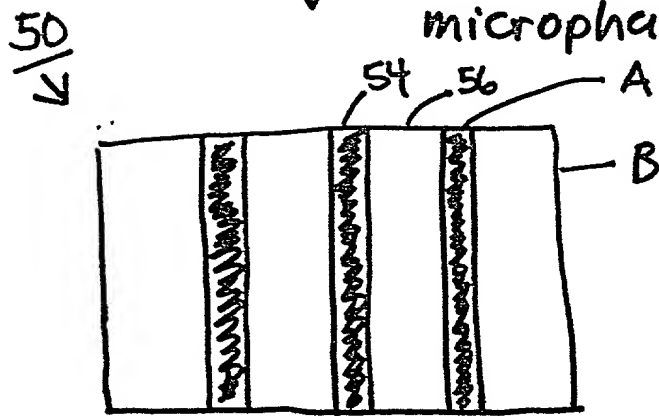


↓ polymer formation



$N = 1$ or more than 1

↓ film formation/
microphase separation



HEXAGONAL

FIG. 5

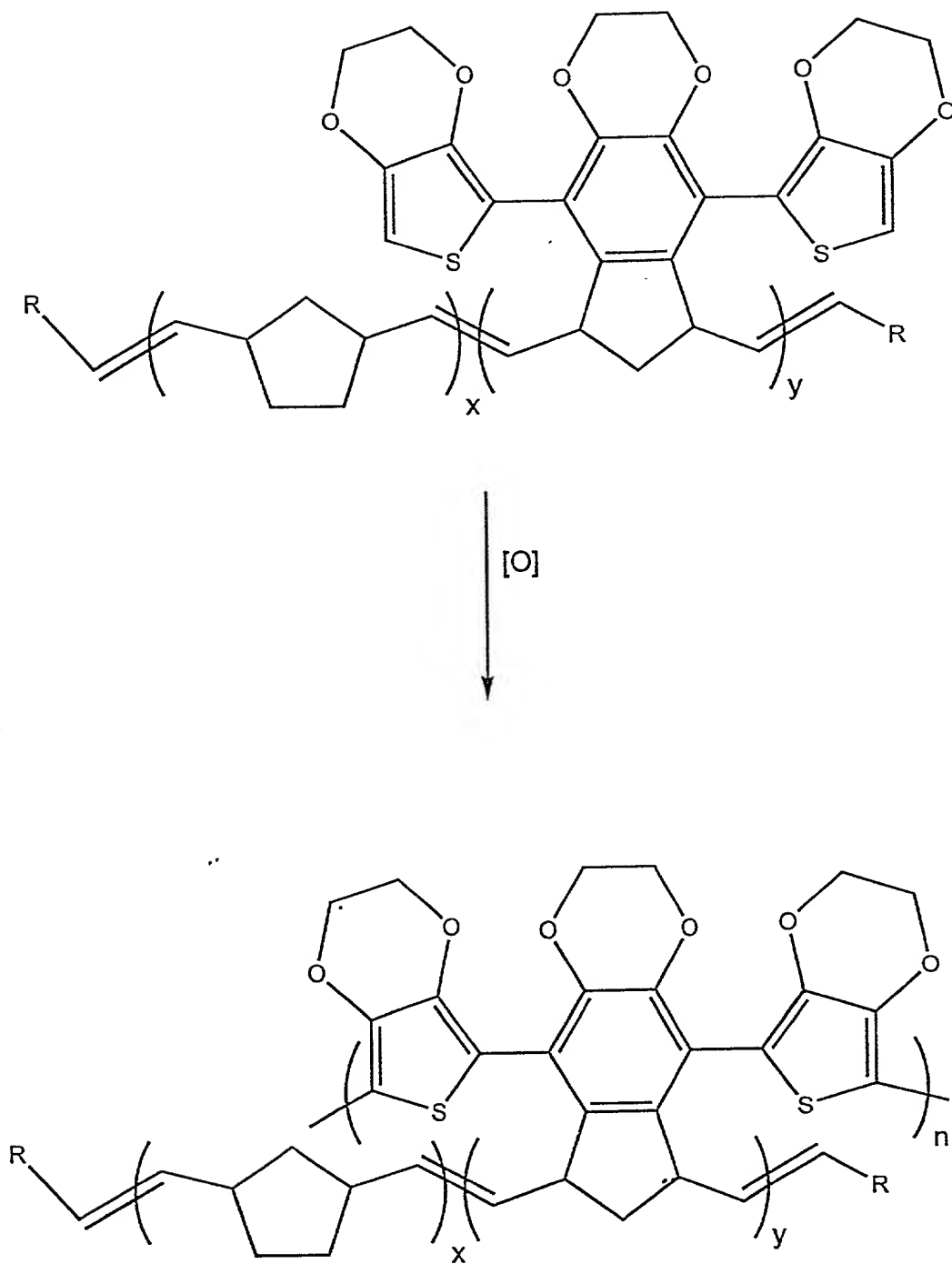


FIG. 6A

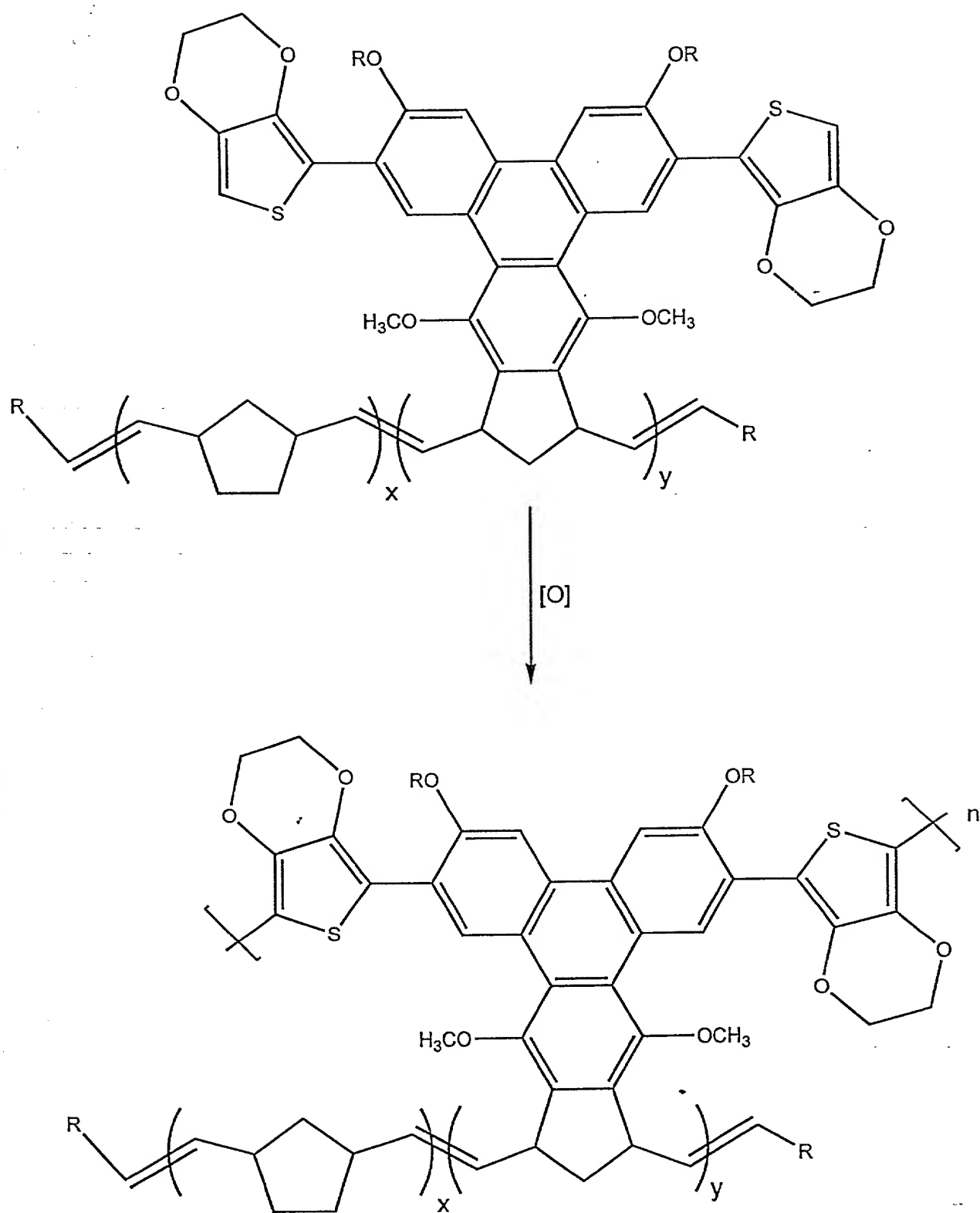


FIG. 6B

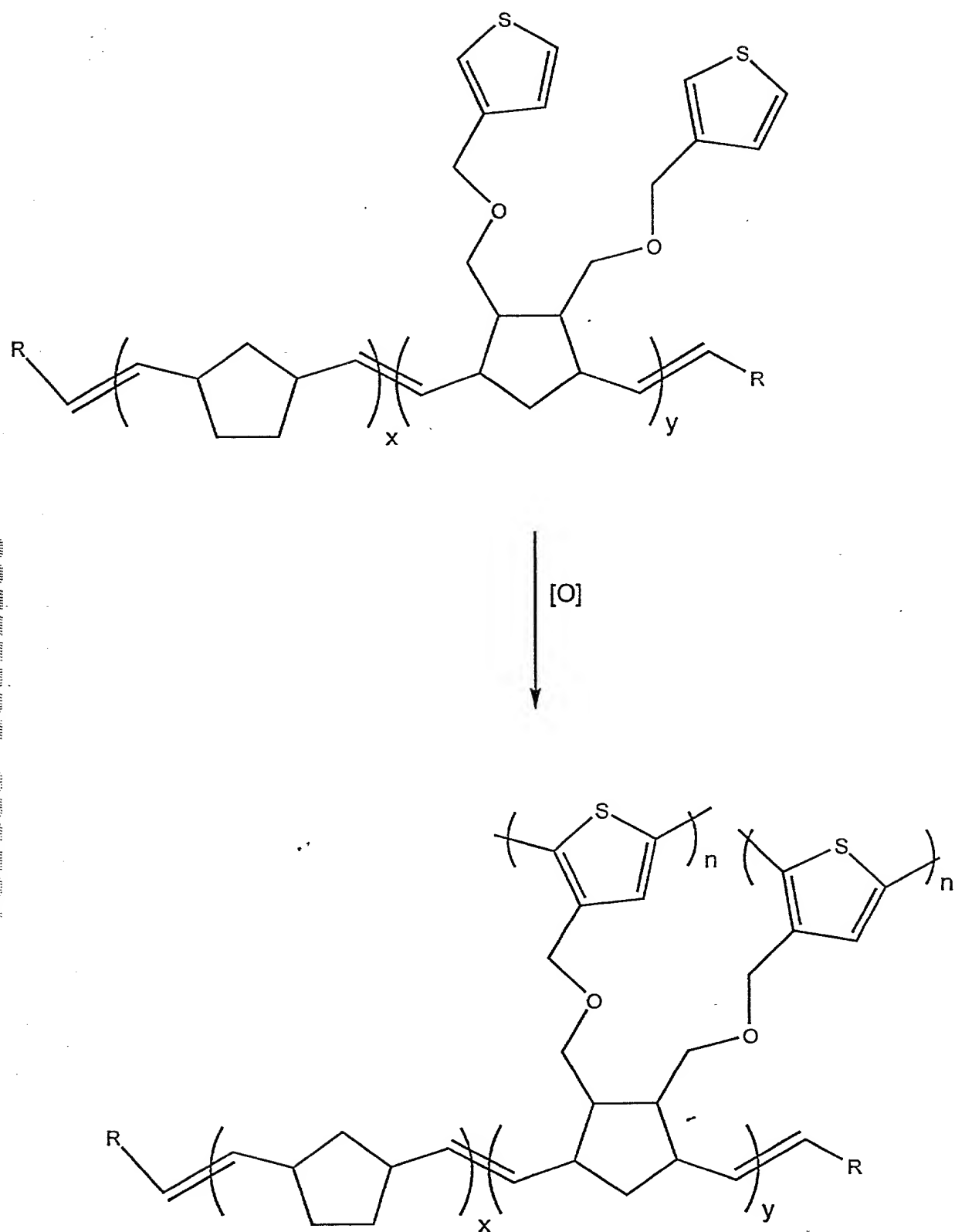


FIG. 7

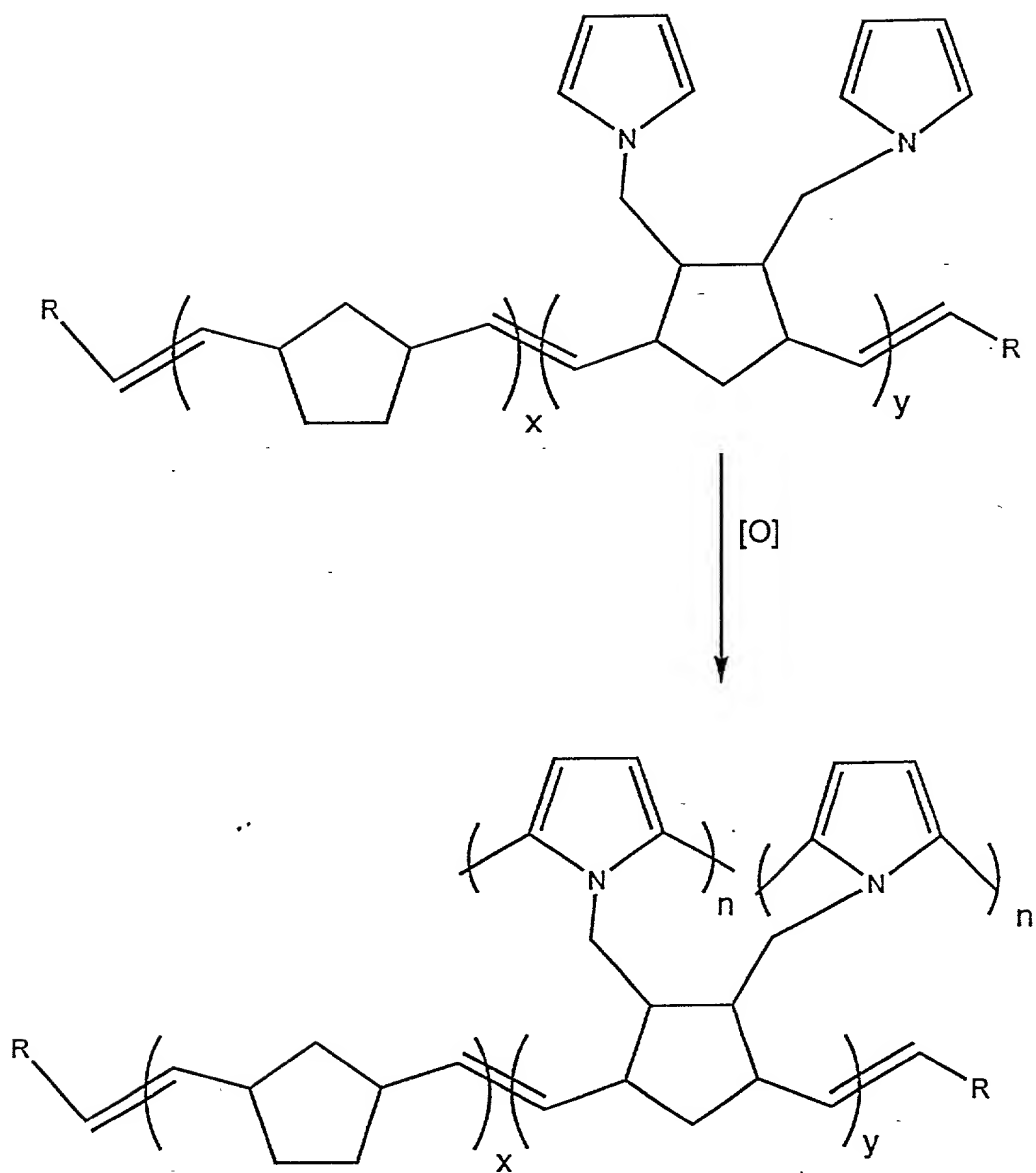


FIG. 8

Block Polymers To bind metal or semiconductor Nanoparticles

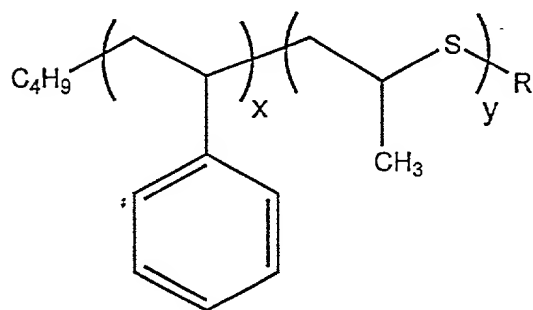
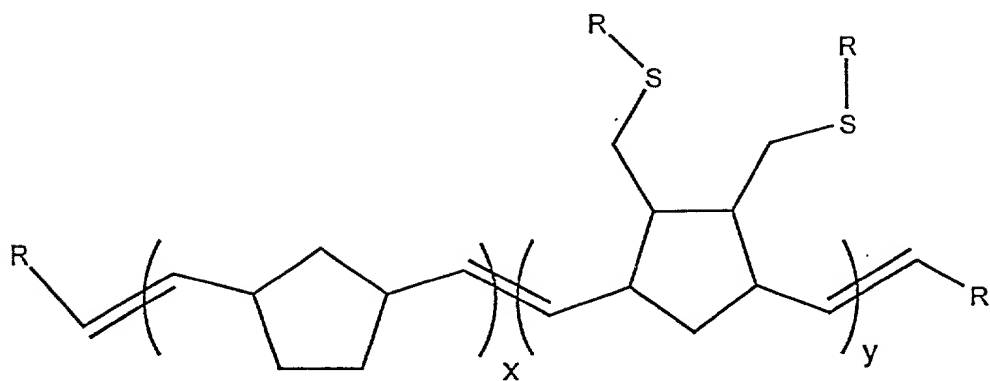
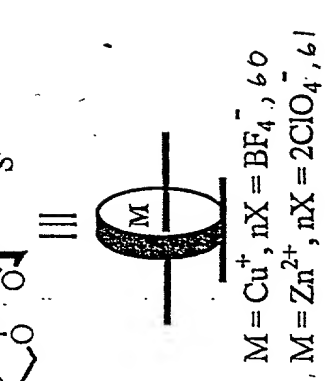
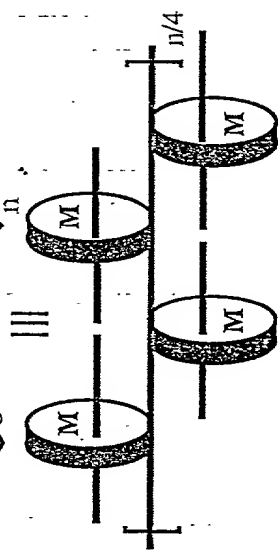
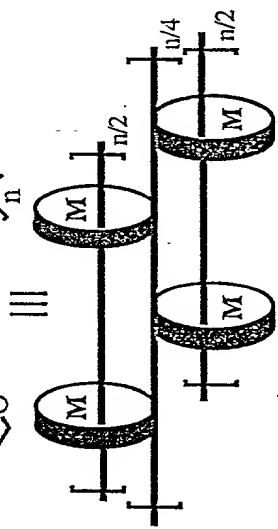
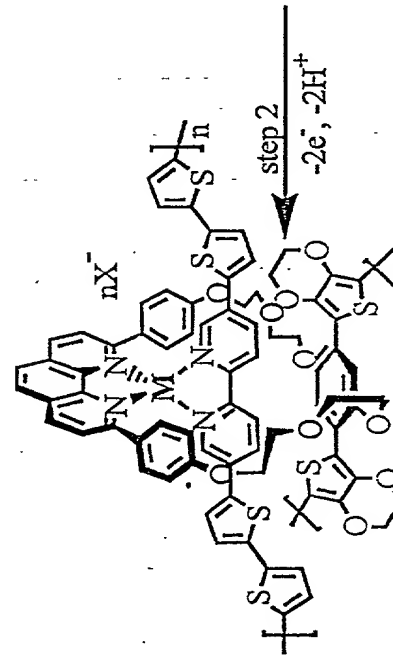
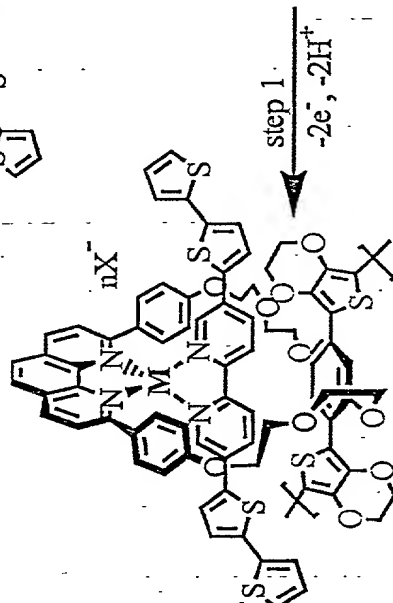
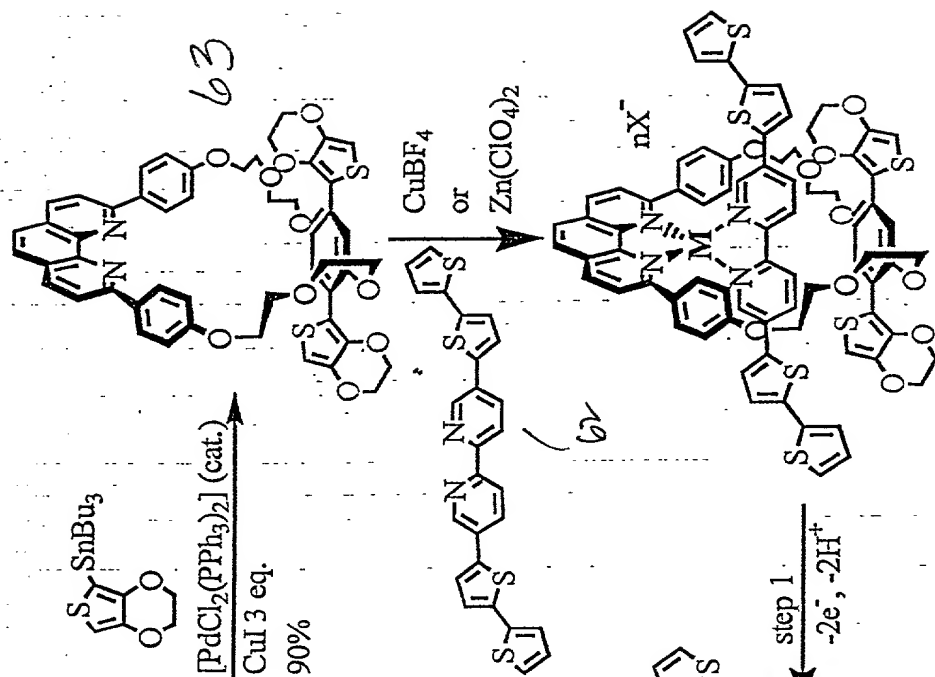
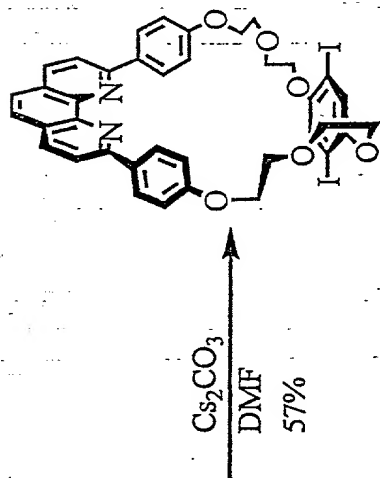
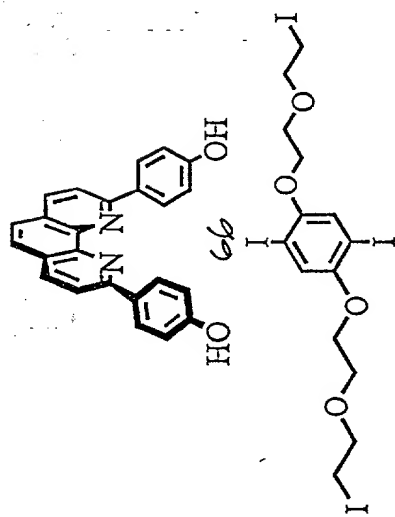


FIG. 9

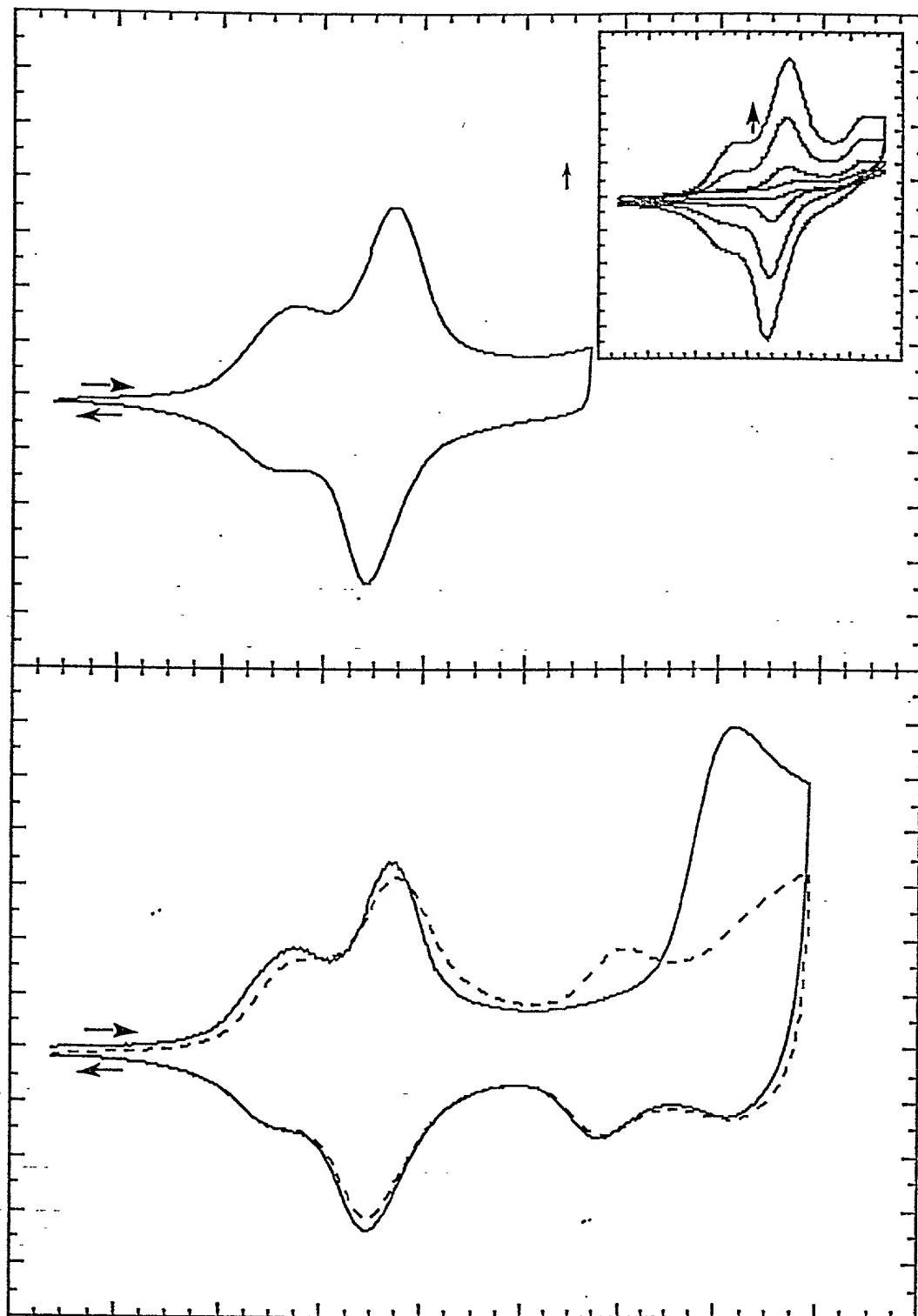


$\text{M} = \text{Cu}^+$, $\text{nX} = \text{BF}_4^-$, 60
 $\text{M} = \text{Zn}^{2+}$, $\text{nX} = 2\text{ClO}_4^-$, 61

$\text{M} = \text{Cu}^+$, poly1
 $\text{M} = \text{Zn}^{2+}$, poly2

$\text{M} = \text{Cu}^+$, poly1-L
 $\text{M} = \text{Zn}^{2+}$, poly2-L

a



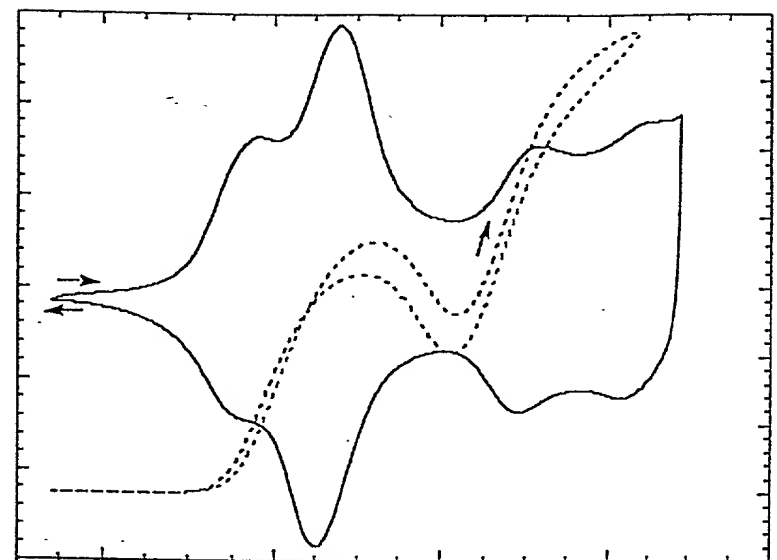
b

c

FIG. 1E

097775-100501

a



c

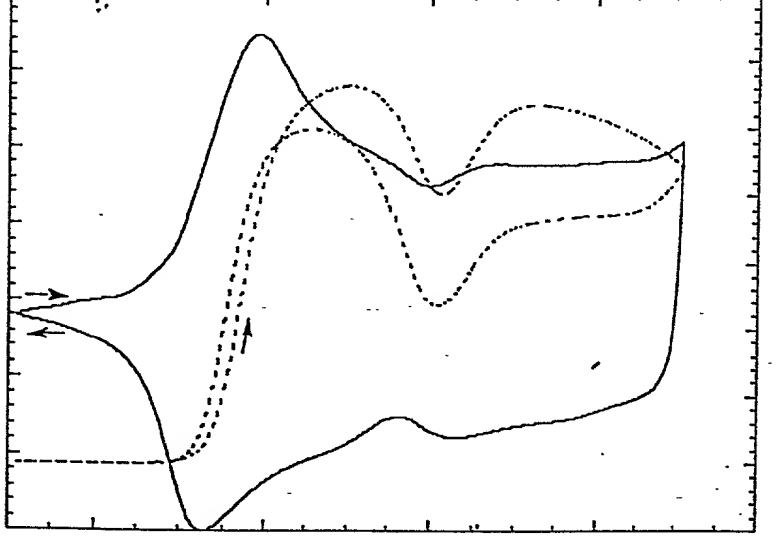
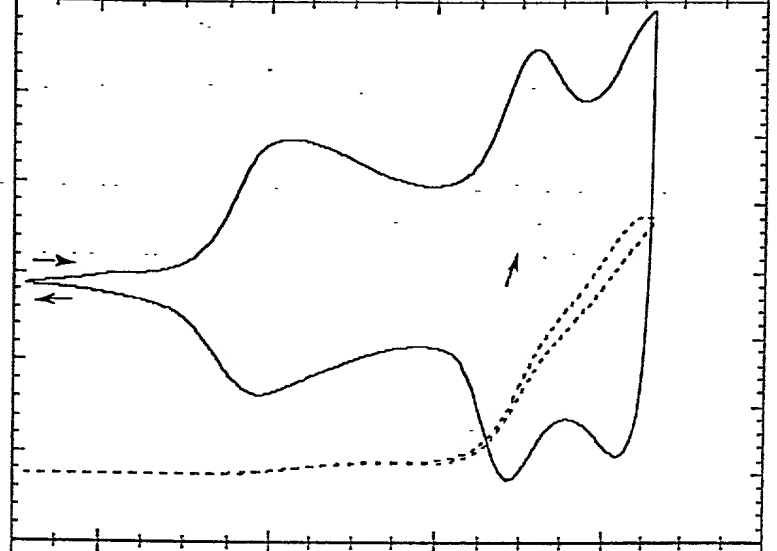


FIG. 12

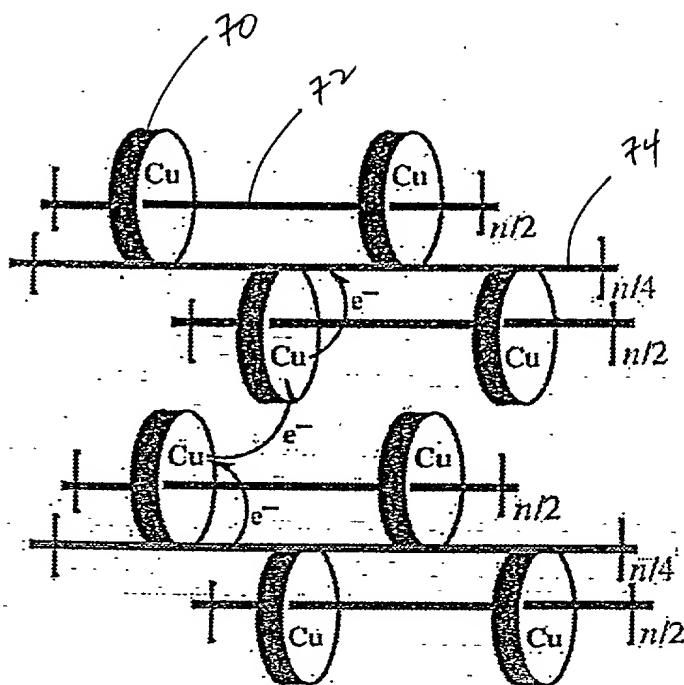
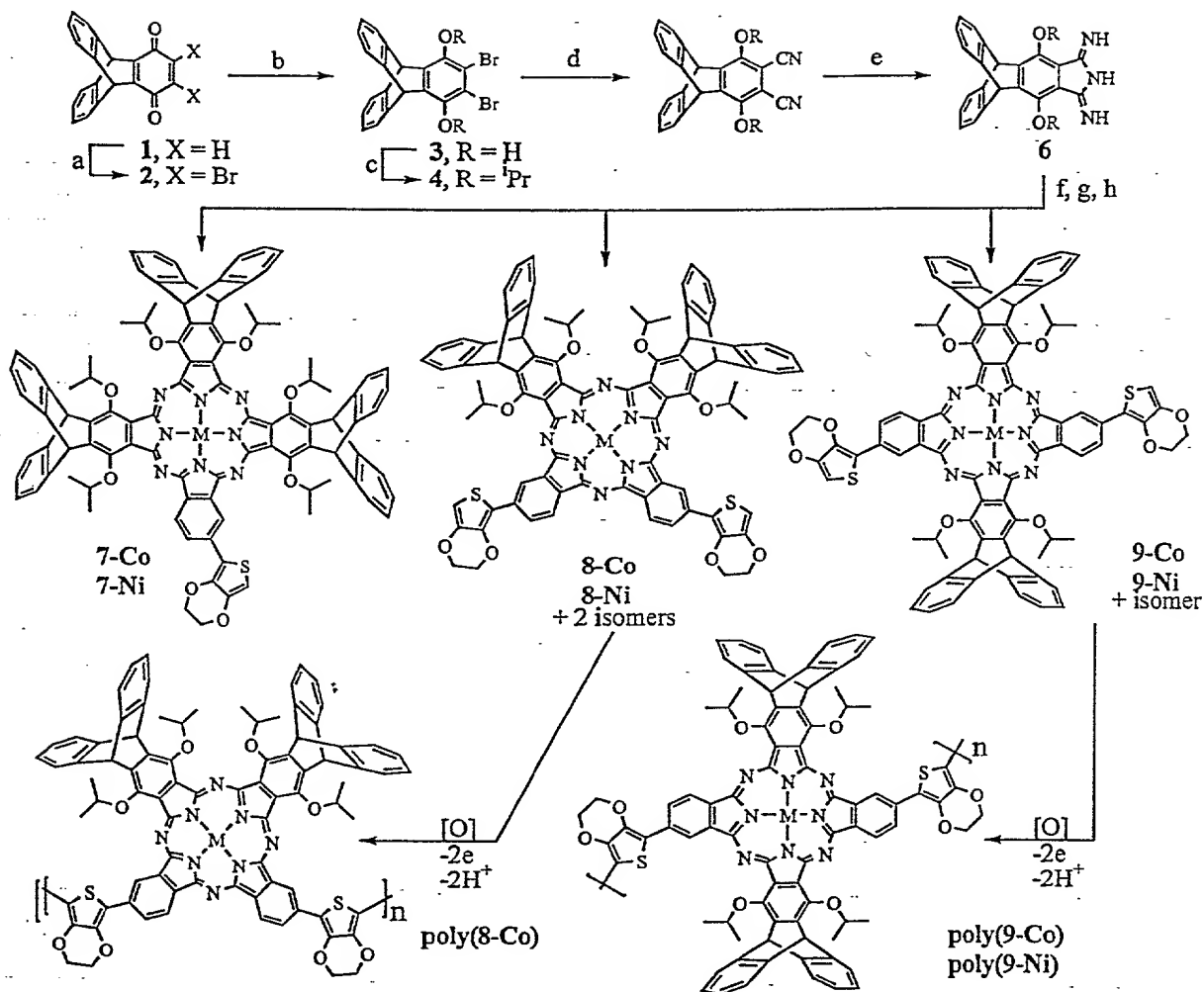


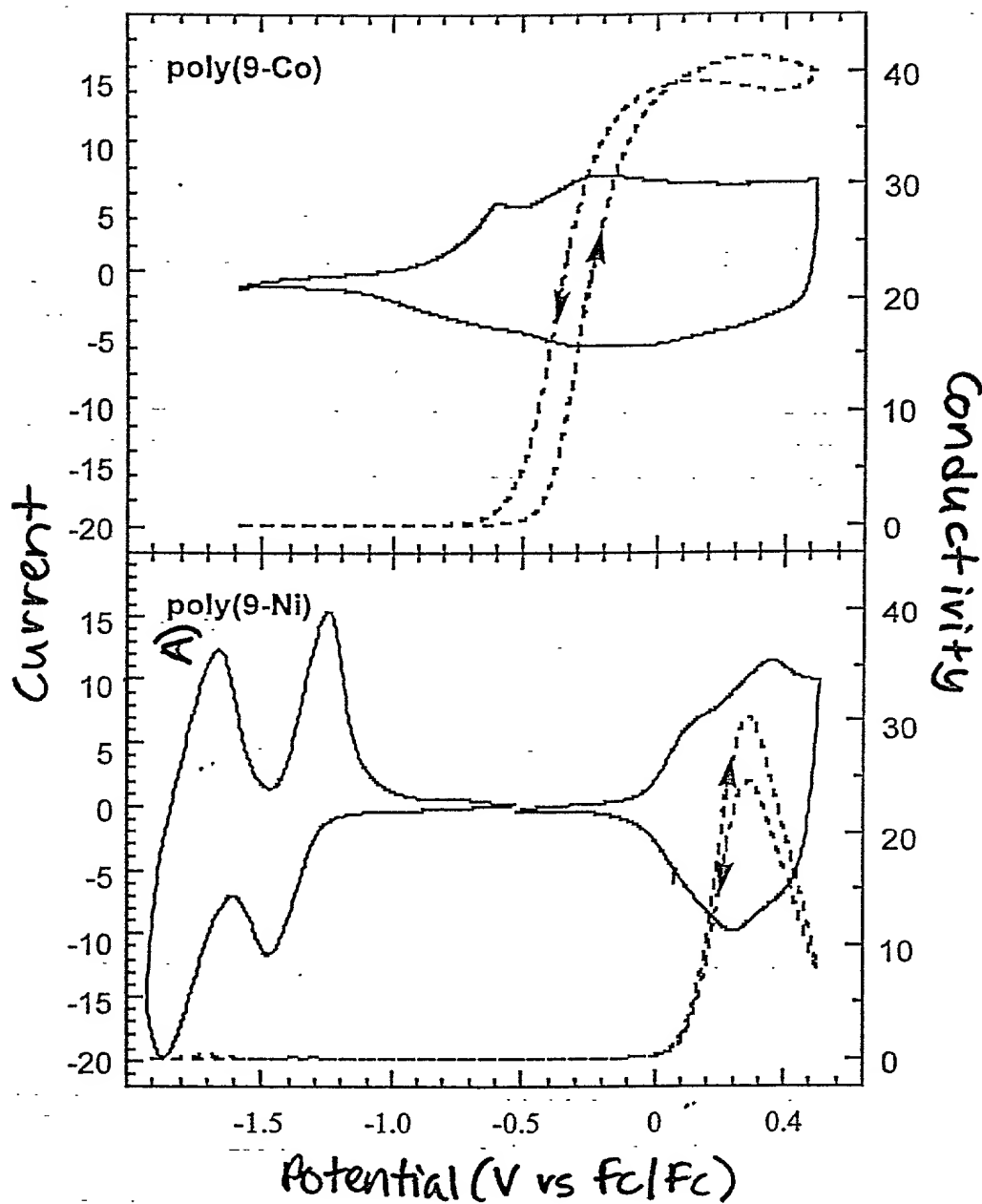
FIG. 13

FIG. 14



097795-020501

a



b

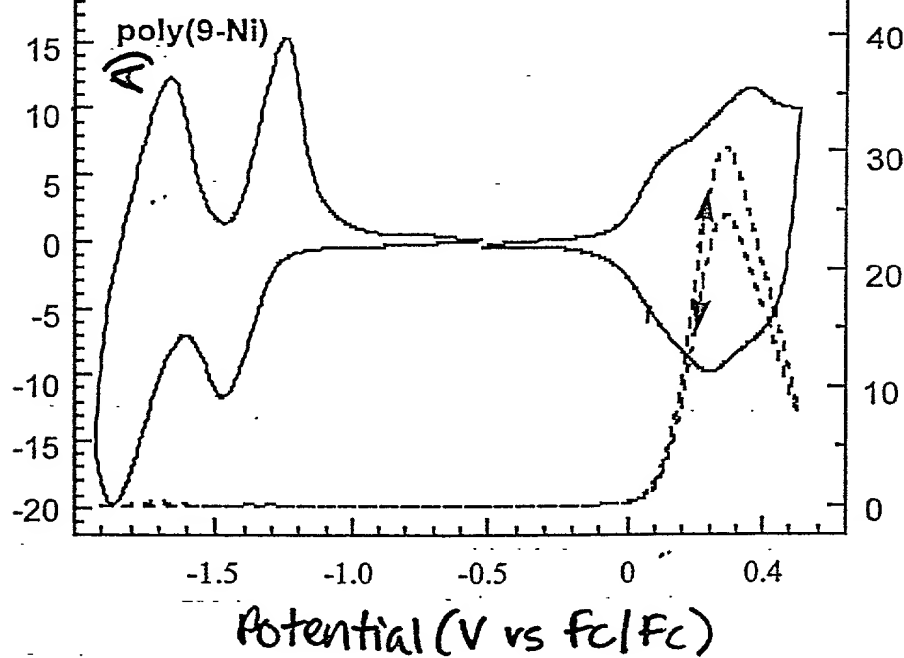


FIG. 15

0977725-020501

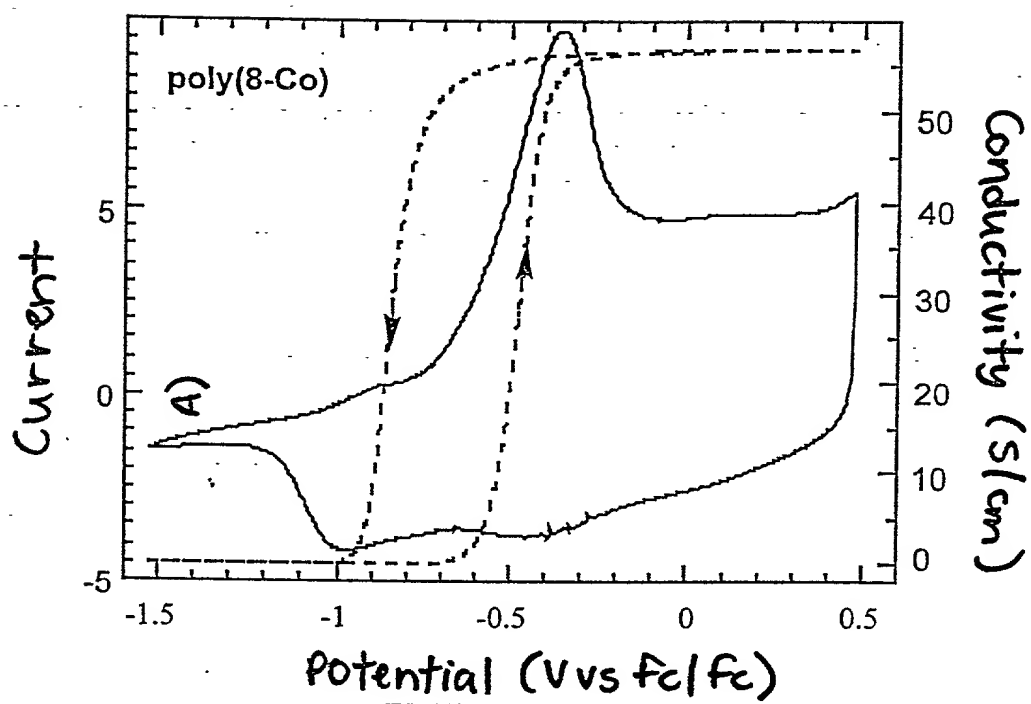


FIG. 16

FIG. 17

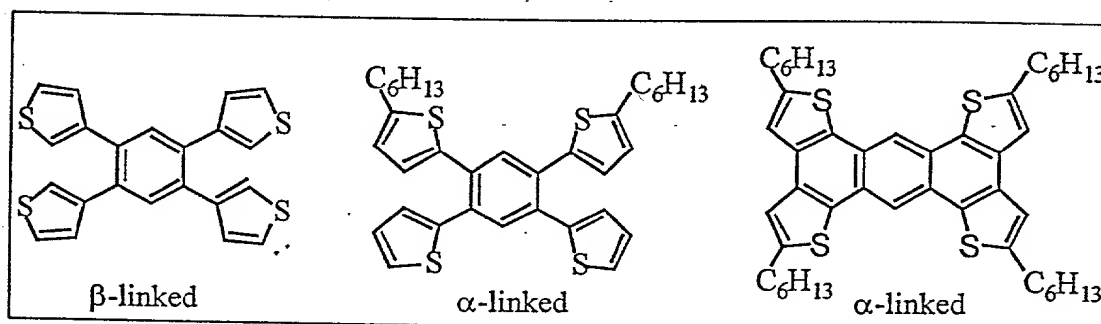
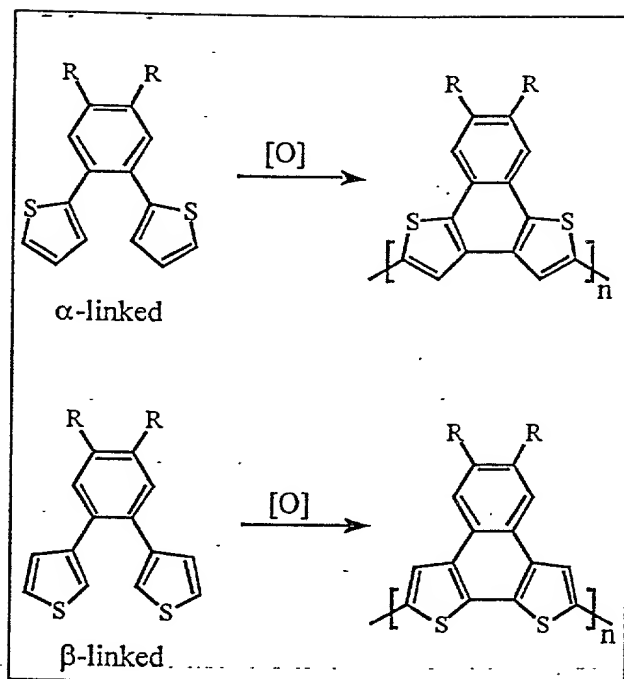
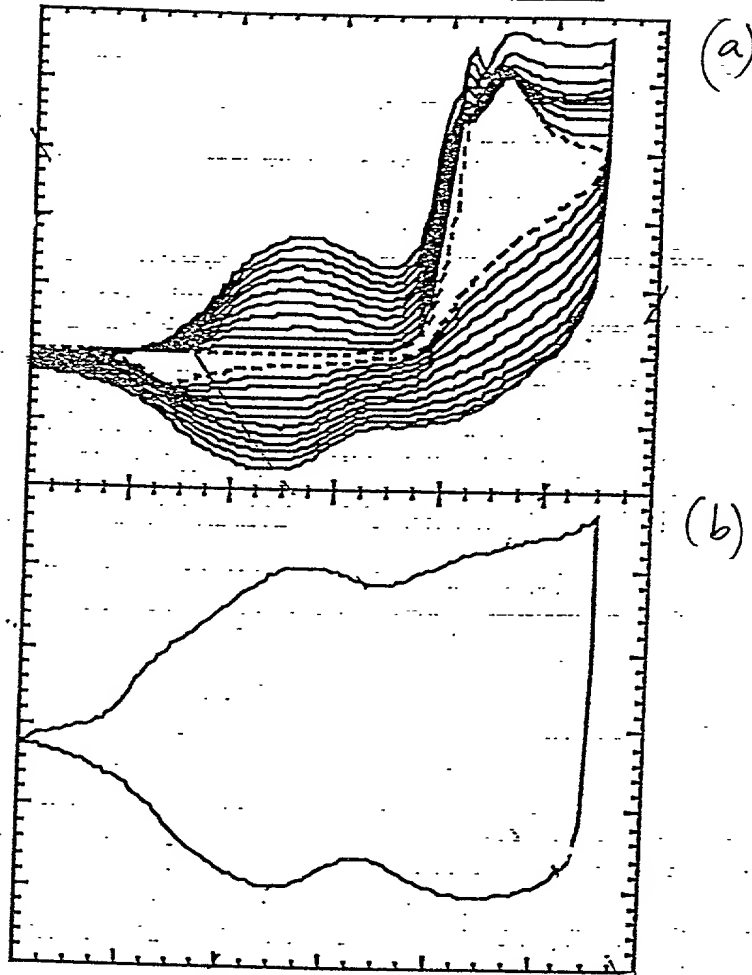


FIG. 19

FIG. 18



0677725-020504

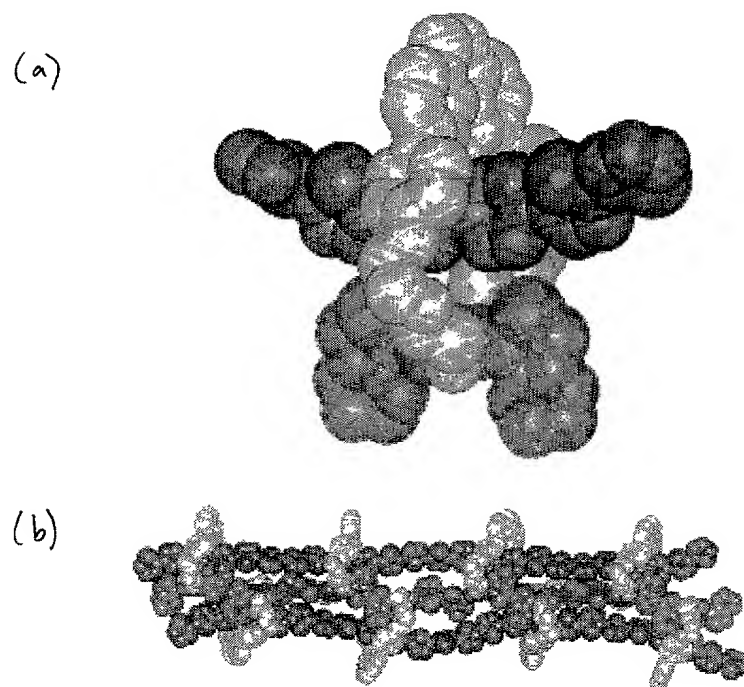
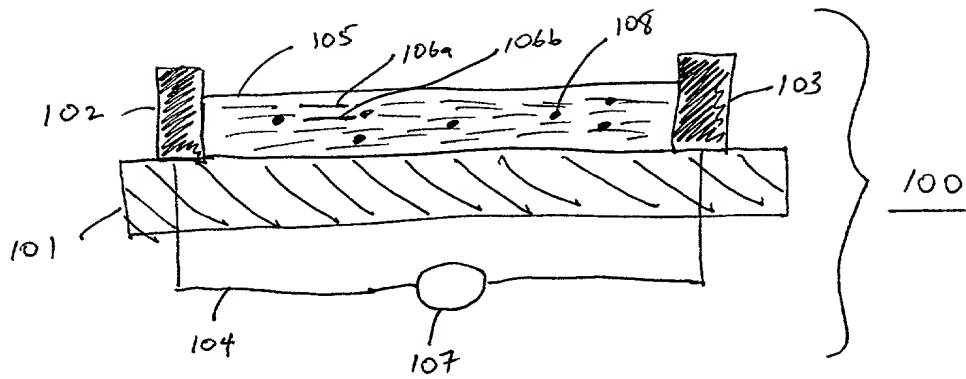
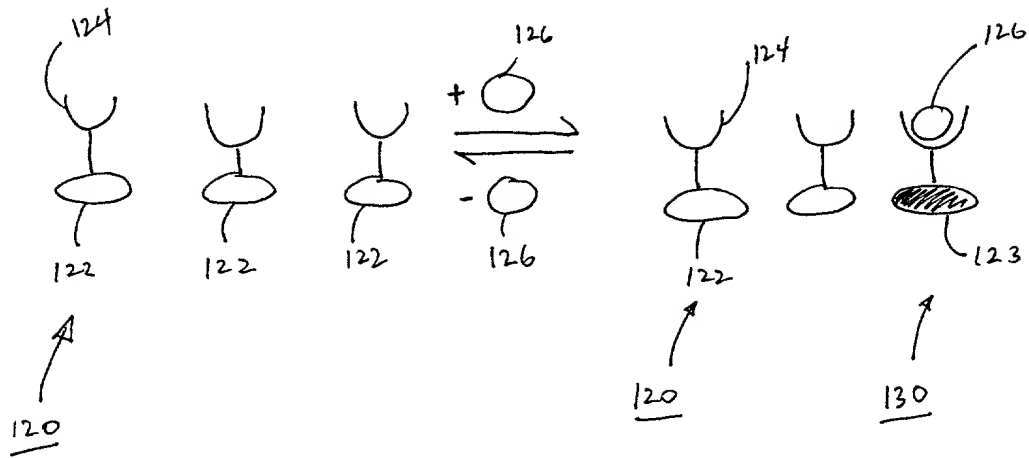


FIG. 21



(PRIOR ART)

FIG. 22



(PRIOR ART)

FIG. 23

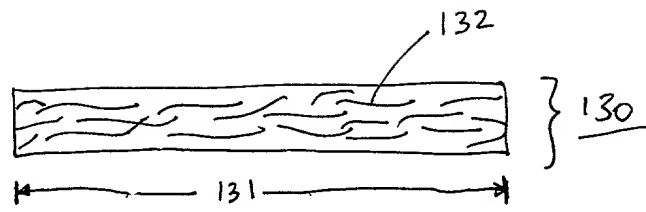
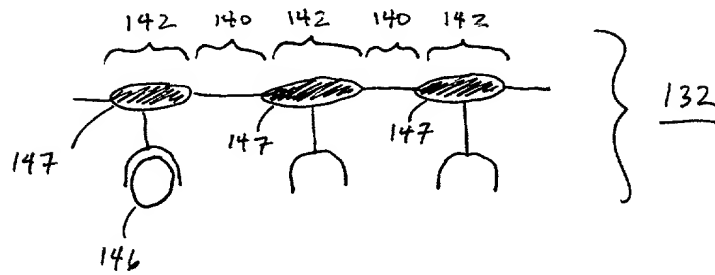
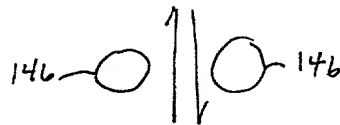
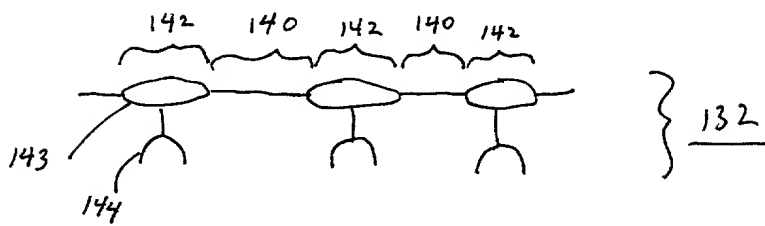


FIG. 24



(PRIOR ART)

FIG. 25

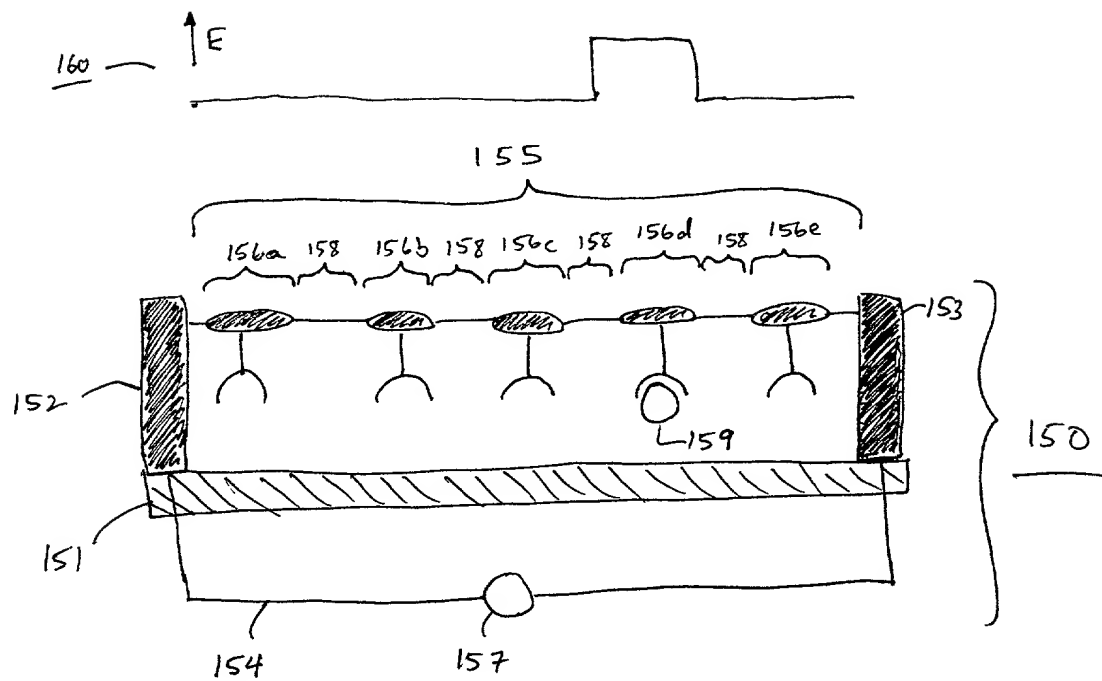


FIG.26